

Minimum Flow Requirements Ramona Lake Power Project

Conditional Water Licence: C131285 Water File: 2003015 Land File: 2409711

Minimum flow measured 200 metres below the respective point of diversion, or as specified in the OPPR will be:

	Minimum Instantaneous Flow, cubic metres per second [m3/s]		
Month	In Ramona Creek below Ramona Lake		
	PD81411		
January to December	0.03		

Requisite flows in the downstream reach of Ramona Creek during periods of storing water in the Ramona Lake Reservoir will be:

Period	Flow	Flow	Critical Life Stage
	$(m3/s)^{1}$	(% MAD)	
1 January to 15 January	0.44	25%	Coho Spawning
16 January to 31 January	0.30	17%	Cutthroat Trout Overwintering
1 February to 15 July	0.39	22%	Cutthroat Trout Spawning and
			Emergence
16 July to 31 August	0.33	19%	Cutthroat Trout Rearing
1 September to 30 September	0.27	16%	Cutthroat Trout CSFP ²
1 October to 31 December	0.44	25%	Coho Spawning

- 1. In order for the storage of water in Ramona Lake to occur, these are the minimum flows that must be present in the downstream reach.
- 2. CSFP, Critical Stream Flow Period

Reference: "Proposed downstream flow regime for the Ramona Creek components of the Narrows Inlet Hydro Project," prepared by Ecofish Research Ltd., dated September 16, 2016.

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Dated at Surrey, British Columbia, this 14th day of November, 2016

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